



FEDERAL SECURITY AGENCY  
PUBLIC HEALTH SERVICE

IN REPLYING, ADDRESS THE

February 19, 1952

Communicable Disease Center  
Enteric Bacteriology Laboratories  
P. O. Box 123  
Chambless, Georgia

Dr. Joshua Lederberg  
The University of Wisconsin  
College of Agriculture  
Department of Genetics  
Madison 6, Wisconsin

Dear Dr. Lederberg:

Thank you very much for your letter of February 12 and your offer to send some of your FA "transducing" principle. While we are very much interested in this, I believe we will not take advantage of your kind offer at the present time. At the moment we are faced with so many practical problems that I would not feel justified in spending very much time on this particular subject. Further, I feel that it is a thing which should not be taken up lightly and with the idea of spending only a slight amount of time on it. Later, I hope that we will be able to take up this work and attempt to extend it to other types and other antigens.

The cultures and serums requested in your letter will be sent. In addition I am sending stable phase 2 cultures of *S. paratyphi B* and *S. typhimurium*. Perhaps if these are used in your experiments you may be able to transduce phase 2.

Unfortunately, I do not have i serum prepared from *S. bonariensis* or 1,2,3 serum from the Puerto Rico variety. I shall be compelled to send i serum made from *S. typhimurium* and 1,2 serum made from *S. paratyphi B*.

There is one thing that I would appreciate if it is not asking too much. Could you send us a short description of the most satisfactory method you have evolved for preparing and using FA? I should like to keep it on hand for future reference.

For the Officer-in-Charge, Bacteriology Section

Very sincerely yours,

PRE:mg

*P. R. Edwards*  
Philip R. Edwards, Ph. D.  
Bacteriologist-in-Charge  
Enteric Bacteriology Unit

P.S.

I would free the serums of O agglutinins by absorption with cells heated at 100 C for 1 hour.